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**UTAH LAKE  
COMMISSION  
POLITICAL SUBDIVISIONS  
INTERIM COMMITTEE**

JUNE 16<sup>TH</sup>, 2021





AMERICAN FORK



SARATOGA SPRINGS



CENTRAL UTAH WATER  
CONSERVANCY DISTRICT



LINDON



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# UTAH LAKE COMMISSION: GOALS

1. Foster communication and coordination between Commission members
2. Promote resource utilization and protection
3. Maintain and develop recreation access
4. Monitor and promote responsible economic development
5. Encourage and promote multiple uses of the lake





# UTAH LAKE MAJOR ISSUES & SOLUTIONS

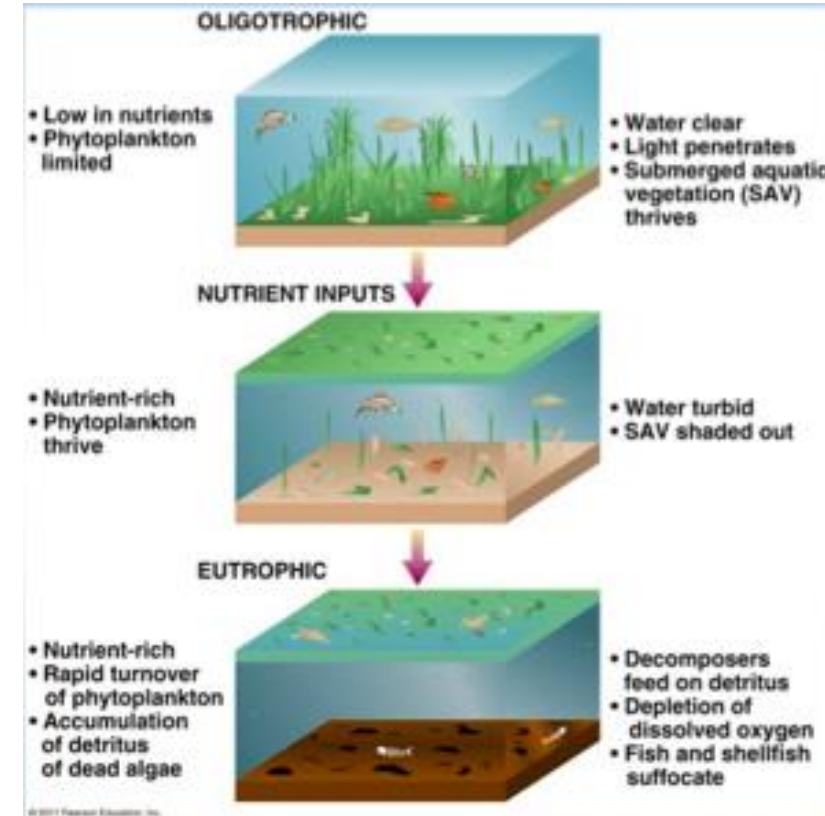
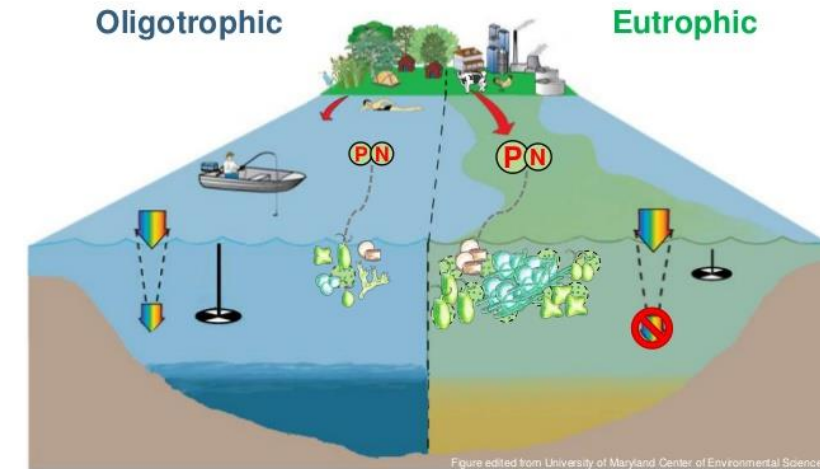
- Algae
- Nutrient Loading  
(Eutrophication)
- Phragmites
- Water Safety
- Visitation: Improving  
Access / Experience



# UTAH LAKE WATER QUALITY STUDY

- 4-5 Year Intensive Study
- 10 Member Science Panel (Top Water Scientists from Utah and across the US)
- 16 Member Steering Committee (Representing Interests around the Valley)
- Determine the nutrient load that Utah Lake can receive while maintaining a healthy ecosystem and supporting the lake's three beneficial uses:
  - Recreation
  - Aquatic Life
  - Agriculture

## Symptoms of Eutrophication





# FY2021 Shoreline Restoration Work Completed

**Aerial Treatment of Phragmites:  
3210 Acres**

**Total Treatments: 5168  
Acres**

**Total Investment: \$458K**



Utah Lake

2020  
July - Dec

Air Spray = 3210 Acres



Utah County  
HEART of UTAH  
Map is copyrighted by Utah  
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Utah County Public Works  
Mapping Division  
2655 South State Street  
Provo, UT 84606  
(801) 461-6606  
Printed: 2/2/2021  
By: mlabadie



# **PHRAGMITES – SUCCESS OVER TIME**

## ***BEFORE AND AFTER'S – NORTHPOINT TRANSFER STATION***



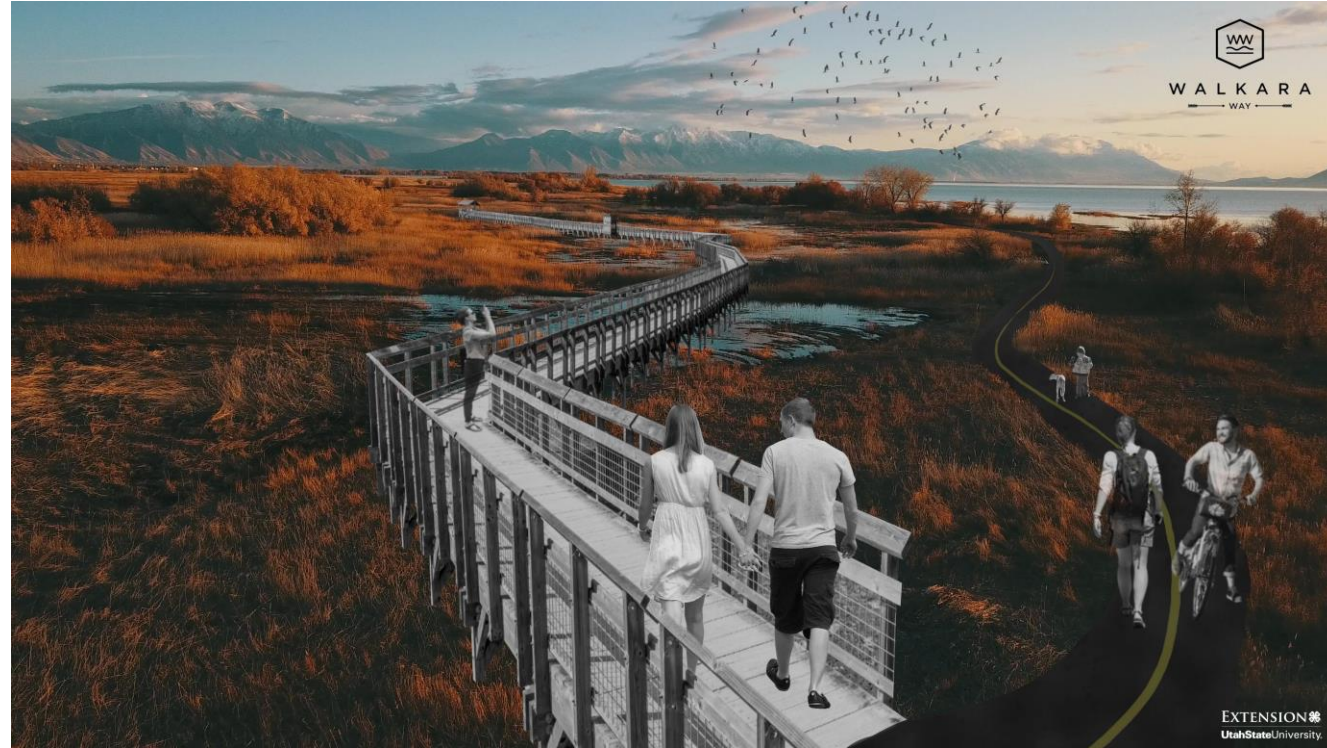


**1<sup>st</sup> 50-Acres – fenced and being grazed**

**Bird Tower #1 – nested with chicks!!**



# WALKARA WAY





## Phase One Map

# VINEYARD CITY CENTER SHORELINE



- 1 Improved Trail Connects to Utah Lake Pkwy Trail
- 2 Pier With Restaurant
- 3 Improved Virginia Beach and Expanded Beach Area With Terraced Retaining Walls
- 4 Proposed Natural Playground
- 5 Proposed Lower Trail
- 6 Stairs to Beach Area
- 7 Pier With Lighthouse
- 8 Sand Saver Wall
- 9 Beach Access Parking & Drop-Off
- 10 Vineyard Rd Improvement





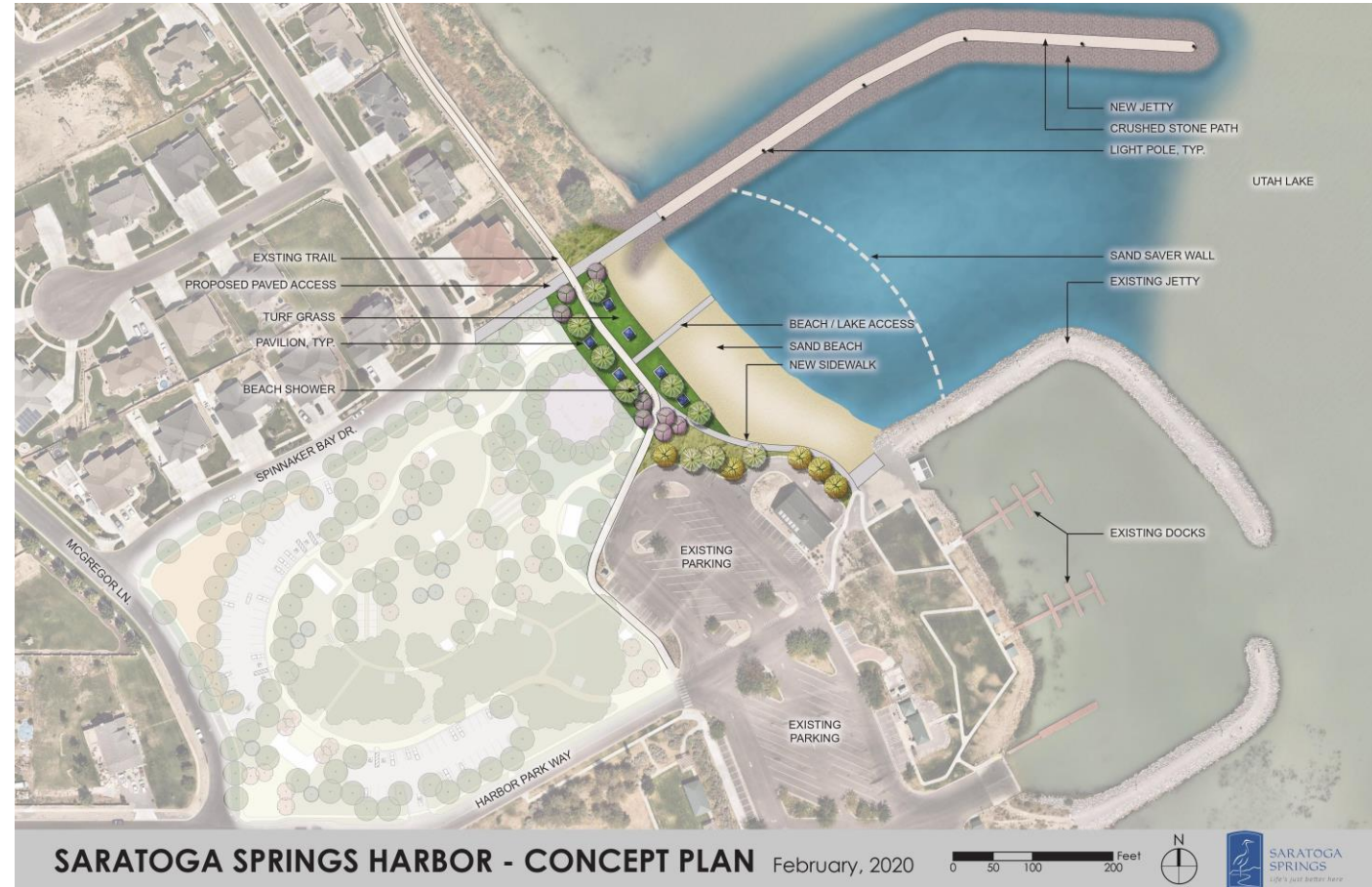


Recreational opportunities, walkway, beach, pavilions and showers in background - looking west



View from pavilions, turf grass, sandy beach and recreational opportunities - looking east

# SARATOGA SPRINGS CITY MARINA





# AMERICAN FORK MARINA

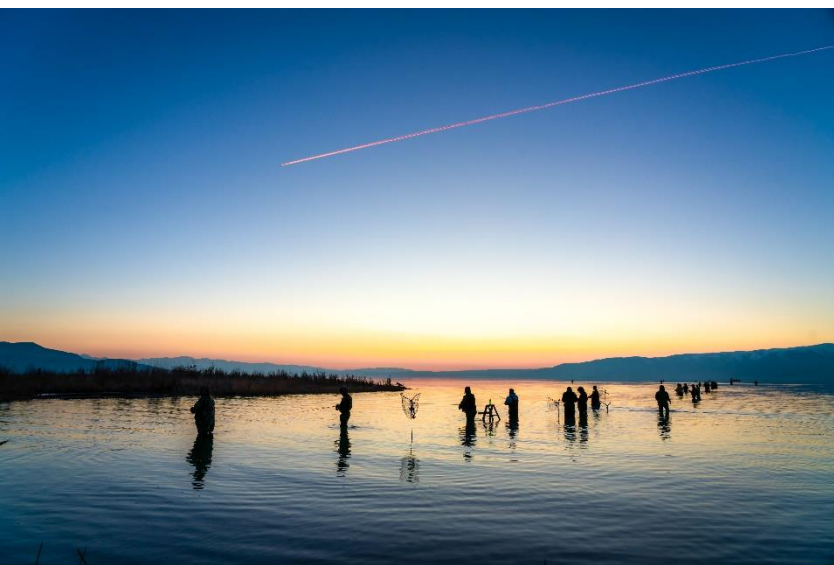
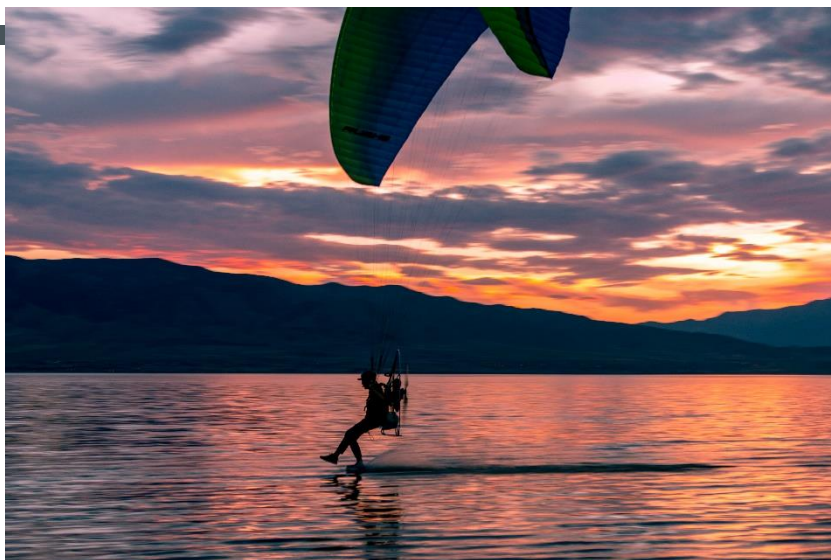
Figure 2

American Fork Boat Harbor Phase One

American Fork Harbor Master Plan









## COMMUNICATION & EDUCATION



- Social Media Outreach
- Podcast
- Blog
- E-newsletter
- Website
- Community Presentations
- Stakeholder Communication Coordination





## COMMUNITY EVENTS

- Utah Lake Festival
- Utah Lake 4th Grade Field Trips
- Photo & Video Contests
- Kids Paddle board camp
- Utah Lake Scavenger Hunt
- Utah Lake Life Jacket Drive
- Winter 'Fishfest'



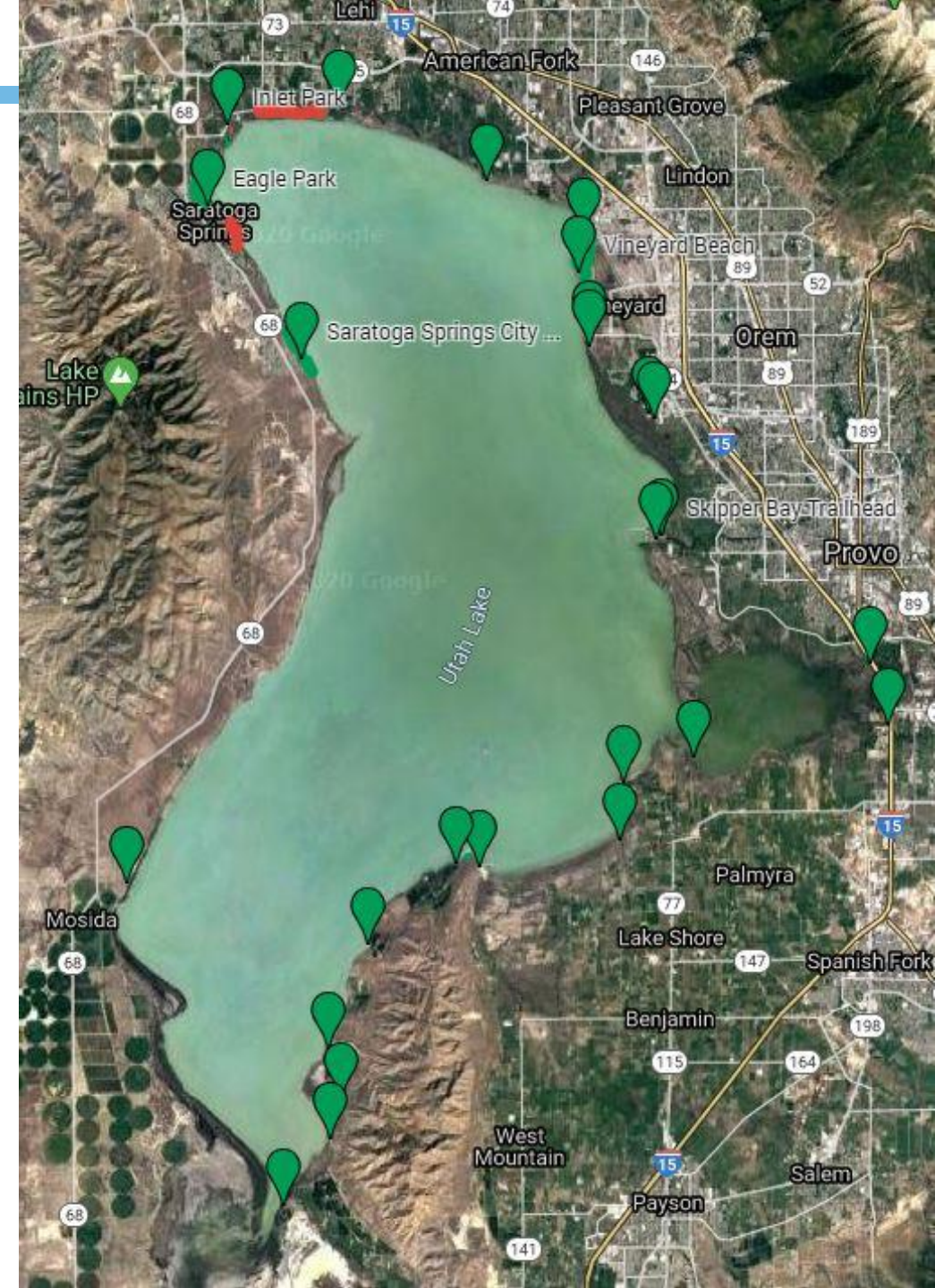
UTAH LAKE Festival





# VOLUNTEERISM

- **Adopt-a-shoreline Program**
  - June 2020 – 26/27 access points adopted
  - June 2021 - 42/45 areas adopted
    - 82 cleanups
    - 336 hours of service
- **Supporting ULC community events**
  - 168 volunteers this year
- **Individual program support volunteers**
  - Day-to-day outreach work







## Bonneville School of Sailing

### The Regatta that had it all!

Our 3 Division Regatta had the most racers on record ever.

*There was brutal heat.*

*There was no wind.*

*There were micro burst winds.*

*There was cooling rain.*

*There were protests.*

*There were some penalty 360's.*

*There was trash talkin'.*

*There were PWC's running full throttle through the race in progress.*

*There were some thrills and spills.*

*There was thunder.*

*There were some good times.*



*Photo by Mike Harman*

Just in from the U.S. Sailing Regatta Network

Please share your race photos [here](#).



Thank You DeWitt for another fabulous BBQ feast.



There was a table full of Bling.

All you volunteers did such a great job. Couldn't have pulled this off without you. So many to thank. So hard to say it all, to all, in a newsletter. You rock my boat!

The Utah Lake Commission will be putting together a professional video production of the 2021 Regatta. Can't wait to see it.

*Thank you Eric and the Utah Lake Commission for sponsoring this years Regatta.*

*Your support has been greatly appreciated.*

# 2021 UTAH LAKE REGATTA



## PROJECTS



10

### CURRENT PROJECTS

- AF Marina Tourism improvements
- Saratoga Tourism improvements
- Vineyard Tourism improvements
- Legislative Funded enhancements
- Vineyard Shoreline improvements
- Provo River Delta Project
- Phragmites Treatment
- Walkara Way Project
- Sandy Beach Improvements

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### PILOT ALGAE TREATMENTS

Two companies participated in pilot testing algae remediation treatments on Utah Lake last summer: SePro and ATS. Treatments occurred in:

- Lindon Marina
- Utah Lake State Park
- Lincoln Beach marina.

3

### SECTIONS OF TRAIL IN PROGRESS

The Utah Lake Trail Plan continues to progress. Currently, \$13.5M has been spent or committed towards new sections of trail along the lakeshore.

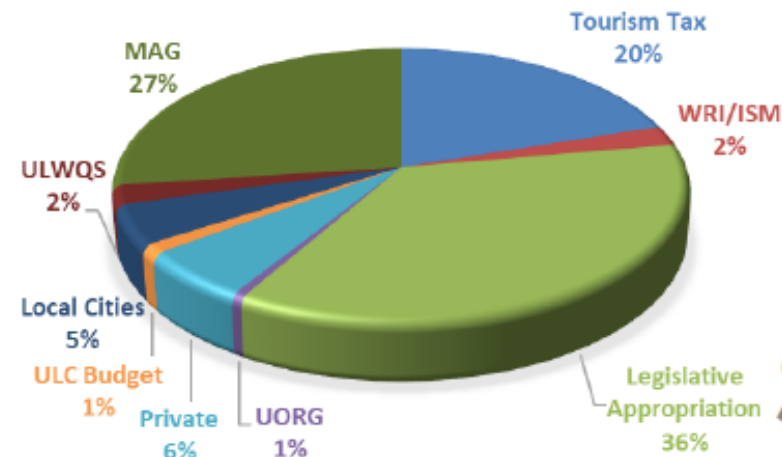
- MAG - \$7,352,000 for Walkara Way and Lehi-American Fork
- \$3.3M from Legislature for Walkara Way
- \$1.28M from Saratoga Springs for the Amanda Ln. trail
- \$1.6M from Flagship Homes on a Vineyard trail piece.

## FUNDING

This was a big year for Utah Lake. Investments in the lake a greatly needed and incredibly appreciated by residents and visitors alike. Utah County tourism taxes were granted to lake shore projects for the first time. The legislative appropriation was incredible. And with partners such as the Utah Office of Outdoor Recreation, Utah Department of Natural Resources' WRI and Utah Department of Agriculture and Food's ISM program grants all helped fund crucial efforts to protect and enhance Utah Lake. The total funding this year was \$27.1 million—not including research funding and efforts.



### SOURCES OF FUNDING



### UTAH LAKE FUNDING TOTAL

# \$27.1M



# POTENTIAL COSTS TO RESTORE AND ENHANCE UTAH LAKE

■ Wastewater System Upgrades to effluent waters entering Utah Lake:	\$100M+
■ Wetland Restoration in Provo Bay	\$2M
■ Phragmites Removal	\$5M+
■ Dredging	\$2-3B
■ Re-establishment of aquatic vegetation	\$15M
■ Conservation Easements	\$20M
■ Agricultural irrigation improvements	\$100M+
■ Trail Building	\$50M
■ Access Enhancements	\$25M
<b>Total:</b>	<b>\$3.3B</b>



## POTENTIAL IMPACTS OF A SWITCH TO THE UTAH LAKE AUTHORITY:

- As noted above the ULC represented just over 1% of the funding that contributed to Utah Lake enhancements, or just 3% of the State's \$9.8M appropriation
  - As an Authority, with a reasonable ongoing revenue source, much needed improvements like the ones funded this year could be master planned and effectively implemented over time.
  - Ongoing revenue provides much needed matching \$'s for local, state and federal grants
- Utah Lake is the 3<sup>rd</sup> Largest Freshwater Lake west of the Mississippi
  - The Utah Lake Authority could focus much needed State level attention on this incredible state asset
  - Changes on a waterbody this size take real investments
- Robust coordination with adjacent lakeshore municipalities would create a lake living brand that could be a huge boost to the regional and state economy
- Utah County is slated to nearly triple by 2065
- It will take dedicated resources to maintain and then improve the overall value of Utah Lake with the population projections
  - Utah Lake has huge recreation potential
  - Utah Lake is a critical hub in the watershed
  - As lakes degrade, they become more and more difficult to recover.
  - ULA can provide the funding mechanism and governance structure to prevent further degradation and achieve long term improvements.





Eric Ellis – Executive Director

Utah Lake Commission

[eric@utahlakecommission.org](mailto:eric@utahlakecommission.org)

801-851-2901 Office